LISTING OF AND AMENDMENTS TO CLAIMS:

1. (currently amended) A data displaying method for a computer system that includes a computer apparatus with a database; a display device; a pointer for entering a position on the screen of said display device, comprising:

displaying a main graph by reading data from said database and plotting said data on the screen of said display device with respect to a first variable;

determining whether or not an input from said pointer is a request for plotting data related to a second variable;

determining coordinate data of a position of said main graph displayed on said screen of said display device;

searching coordinate data of said position from said database; and

if said input from said pointer is a request for plotting data related to said second variable:

reading coordinate data of said position from said database;

displaying a window within said main graph while plotting of data related to said second variable is requested from said pointer; and

2

plotting coordinate data of said position with respect to said second variable in said window, so that said data with respect to said first variable and said data with respect to said second variable are simultaneously displayed.

2. (Canceled)

3. (Canceled)

4. (previously presented) The method according to Claim 1, wherein said step of searching coordinate data of said position in said database further comprises:

calculating a coordinate value of said position; and

comparing said value with a data value stored in said database.

5. (currently amended) A computer system including a computer with a database; a display device; a pointer for entering a position on said screen of said display device, said computer system comprising:

a device for displaying a main graph by reading data from said database and plotting said data on the screen of said display device with respect to a first variable;

3

a device for determining whether or not an input from said pointer is a request for plotting data related to a second variable;

a device for determining coordinate data of a position of said main graph displayed on said screen of said display device;

a device for searching coordinate data of said position from said database;

a device for reading coordinate data of said position from said database;

a device for displaying a window at a position within said main graph while plotting of data related to said second variable is requested from said pointer; and

a plotter for plotting coordinate data of said position in said window with respect to said second variable, so that said data with respect to said first variable and said data with respect to said second variable are simultaneously displayed.

6. (Canceled)

7. (original) The computer system according to Claim 5, wherein said device for searching coordinate data of said position in said database calculates a coordinate value of said position and compares said value with a data value stored in said database.

4

8. (currently amended) A computer-readable recording medium, said medium storing a program for executing a data displaying method in said computer system that includes a computer with a database; a display device; and a pointer for entering a position on the screen of said display device, said method comprising:

displaying a main graph by reading data from said database and plotting said data on the screen of said display device with respect to a first variable;

determining whether or not an input from said pointer is a request for plotting data related to a second variable;

determining coordinate data of a position of said main graph displayed on said screen of said display device; and

searching said coordinate data of said position from said database;

wherein if said input from said pointer is a request for plotting data related to said second variable, the method further comprises:

reading coordinate data of said position from said database;

displaying a window at a position within said main graph while plotting of data related to said second variable is requested from said pointer; and

plotting coordinate data of said position in said window with respect to said second variable, <u>so that said data with respect to said first variable and said data with respect to said second variable are simultaneously displayed</u>.

9.   (Canceled)

10.   (Canceled)

11.   (previously presented) The recording medium according to Claim 8, wherein searching coordinate data of said position from said database comprises calculating a coordinate value of said position and comparing said calculated value with a data value stored in said database.

12. (previously presented) The method according to Claim 1, wherein said main graph is displayed within a first window, so that said plotting of coordinate data of said position with respect to said second variable is in a second window within said first window.

13. (previously presented) The computer system according to Claim 5, wherein said main graph is displayed within a first window, so that said plotting of coordinate data of said position with respect to said second variable is in a second window within said first window.

6

14. (previously presented) The recording medium according to Claim 8, wherein said computer program further executes displaying said main graph within a first window, so that said plotting of coordinate data of said position with respect to said second variable is in a second window within said first window.

15. (previously presented) The method according to Claim 1, wherein the database contains data values that are functions of at least two variables, the database having instances of a set of values of a first of the variables, each instance containing data values that are a function of other of the variables, wherein a position of said pointer with respect to an axis of said main graph selects data to be displayed from various ones of said instances.

16. (previously presented) The computer system according to Claim 5, wherein the database contains data values that are functions of at least two variables, the database having instances of a set of values of a first of the variables, each instance containing data values that are a function of other of the variables, wherein a position of said pointer with respect to an axis of said main graph selects data to be displayed from various ones of said instances.

17. (previously presented) The recording medium according to Claim 8, for use with a database containing data values that are functions of at least two variables, the database having instances of a set of values of a first of the variables, each instance containing data values that are a function of other of the variables, wherein said computer

7

program causes a position of said pointer with respect to an axis of said main graph to select data to be displayed from various ones of said instances.

18. (previously presented) The method according to Claim 1, wherein said main graph and said window are displayed simultaneously.

19. (previously presented) The computer system according to Claim 5, wherein said main graph and said window are displayed simultaneously.

20. (previously presented) The recording medium according to Claim 8, wherein said computer program causes said main graph and said window to be displayed simultaneously.

21. (new) The method according to Claim 1, wherein said simultaneous display of said data with respect to said first variable and said data with respect to said second variable occurs without entry of data other than position of said pointer on said screen.

22. (new) The computer system according to Claim 5, wherein said simultaneous display of said data with respect to said first variable and said data with respect to said second variable occurs without entry of data other than position of said pointer on said screen.

23. (new) The recording medium according to Claim 8, wherein said computer program causes said simultaneous display of said data with respect to said first variable

8

and said data with respect to said second variable to occur without entry of data other than position of said pointer on said screen.